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Post-processing: Minimum Match 0%
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Q9vi99 drosophila
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Q22048 caenorhabdi
Q92044 cyprinodon
073914 notothenia
033593 chaenocepha
093609 trematomus
013259 chionodraco
013258 chionodraco
01358 chionodraco
091b50 pagrus majo
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Q23947 drosophila
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Lemasson I., Devaux C., Mesnard J.M.;
Submitted (JUL-1996) to the EMBL/GenBank/DDBJ
EMBL; U63332; AABD5810.1; -.
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SEQUENCE 46 AA; 5061 MW; 311922FE40A44E8F
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## ALIGNMENTS

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Drosophila melanogaster (Fruit fly).
Eukaryota; Metazoa; Arthropoda; Tracheata; Hexapoda; Insecta;
Pterygota; Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
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                                                                                                       Drosophila melanogaster (Fruit fly).
Eukaryota; Metazoa; Arthropoda; Tracheata; He
Pterygota; Neoptera; Endopterygota; Diptera;
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NCBI_TaxID=7227;
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RA Glodek A., Gong F., Gorrell J.H., Gu Z., Guan P., Harris M.,

RA Harris N.L., Harvey D., Heiman T.J., Hernandez J.R., Houck J.,

RA Hostin D., Houston K.A., Howland T.J., Wei M.-H., Ibegwam C.,

RA Jalali M., Kalush F., Karpen G.H., Ke Z., Kennison J.A., Ketchum K.A.,

RA Kimmel B.E., Kodira C.D., Kraft C., Kravitz S., Kulp D., Lai Z.,

RA Liu X., Mattel B., McIntosh T.C., McLeod M.P., McPherson D.,

RA Merkulov G., Milshina N.V., Mobarry C., Morris J., Moshrefi A.,

RA Merkulov G., Milshina N.V., Mobarry C., Morris J., Woshrefi A.,

RA Palazzolo M., Pittman G.S., Pan S., Pollard J., Puri V., Reese M.G.,

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RA Shle B.C., Stden Kiamos I., Simpson M., Skupski M.P., Smith T.,

RA Sylirskas R., Tector C., Turner R., Venter E., Wang A.H., Wang X.,

RA Wang Z.-Y., Wassarman D.A., Weinstock G.M., Weissenbach J.,

RA Zheng X.H., Zhong F.N., Zhong W., Zhou S., Zhoo Q., Zheng L.,

RA Zheng X.H., Zhong F.N., Rubin G.M., Venter J.C.,

"The genome sequence of Drosophila melanogaster.";

BOR INTERPRO, IPR001415; Mst84Dd.

DR INTERPRO, IPR001475; Mst84Dd.

DR INTERPRO, IPR011450; --

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Beeson K.Y., Benos P.V., Berman B.P., Bhandari D., Bolshakov S., Borkova D., Botchan M.R., Bouck J., Brokstein P., Brottler P., Burtis K.C., Busam D.A., Butler H., Cadieu E., Center A., Chandra I., Cherry J.M., Cawley S., Dahlke C., Davenport L.B., Davies P., Cherry J.M., Cawley S., Dahlke C., Davenport L.B., Davies P., Cherry J.M., Cawley S., Dahlke C., Mays A.D., Dew I., Dietz S.M., de Pablos B., Delcher A., Deng Z., Mays A.D., Dew I., Dietz S.M., Doughor B.C., Dunn P. Dodson K., Doup L.E., Downes M., Dugan-Rocha S., Dunkov B.C., Dunn P. Durbin K.J., Evangelista C.C., Ferraz C., Ferriera S., Fleischmann W.
                                                                    Caenorhabditis elegans.
Eukaryota; Metazoa; Nematoda; Chromadorea; Rhabditida; Rhabditoidea;
Rhabditidae; Peloderinae; Caenorhabditis.
NCBI_TaxID=6239;
                                                                                                                                                                                                                          01-NOV-1999
01-MAY-2000
                                                                                                                                                                                                                                                                            Q9XVX3;
01-NOV-1999 (TrEMBLrel.
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MEDLINE=94150718; PubMed=7906398
                     SEQUENCE FROM
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nes 6; Conser
                                                                                                                                                                                                                                                                                                                                                                                                                                                              10
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                                                                                                                                                                                                     PROTEIN.
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                     N.A.
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6840 MW; 8CE37449E5F88ABA CRC64;
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                                                                                                                                                                                                                            Last annotation
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Best Local :
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01-NOV-1996
01-MAY-2000
                                                         Wilson R., Ainscough R., Anderson K., Baynes C., Berks M.,
Bonfield J., Burton J., Connell M., Copsey T., Cooper J., Coulson A
Craxton M., Dear S., Du Z., Durbin R., Favello A., Fulton L.,
Gardner A., Green P., Hawkins T., Hillier L., Jier M., Johnston L.,
Jones M., Kershaw J., Kirsten J., Laister N., Latreille P.,
Jones M., Kershaw J., Kirsten J., Laister N., Latreille P.,
Lightning J., Lloyd C., Mcmurray A., Mortimore B., O'Callaghan M.,
Parsons J., Percy C., Rifken L., Roopra A., Saunders D., Shownkeen
Smaldon N., Smith A., Sonnhammer E., Staden R., Sulston J.,
Smith A., Sonnhammer E., Staden R., Sulston J.,
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PROSITE; PS00198; 4FE4S_FERFEDOXIN; UNKNOWN_1.

PROSITE; PS00764; ENDONUCLEASE_III_1; 1.

PROSITE; PS01208; VWFC; UNKNOWN_1.

SEQUENCE 152 AA; 15645 MW; 6E254F0BE476D354 CRC64;
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Bonfield J., Burton J., Connell M., Copsey T., Cooper J., Coulson A
Craxton M., Dear S., Du Z., Durbin R., Favello A., Fulton L.,
Gardner A., Green P., Hawkins T., Hillier L., Jier M., Johnston L.,
Jones M., Kershaw J., Kirsten J., Laister N., Latreille P.,
Jones M., Kershaw J., Kirsten J., Laister N., Latreille P.,
Lightning J., Lloyd C., Mcmurray A., Mortimore B., O'Callaghan M.,
Parsons J., Percy C., Rifken L., Roopra A., Saunders D., Shownkeen I
Smaldon N., Smith A., Sonnhammer E., Staden R., Sulston J.,
Thierry-Mieg J., Thomas K., Vaudin M., Vaughan K., Waterston R.,
Watson A., Weinstock L., Wilkinson Sproat J., Wohldman P.,
               Thierry-Mieg J., Thomas K., Vaudin M., Vaughan K., Waterston R., Watson A., Weinstock L., Wilkinson-Sproat J., Wohldman P.; "2.2 Mb of contiguous nucleotide sequence from chromosome III of
                                                                                                                                                                                                SEQUENCE FROM N.A. MEDLINE=94150718; PubMed=7906398;
                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Nematoda; Rhabditidae; Peloderinae; Cae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 elegans.";
Nature 368:32-38(1994).
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                                                                                                                                                                                                                                                                       Sims M.;
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                                                                                                                                                                                                                                                                                                                        NCBI_TaxID=6239;
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IPR001450;
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Last sequence update)
Last annotation update)
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Pred. No. 16;
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Best Local
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Q18238;
Q1 - NOV - 1996 ('
01 - NOV - 1996 ('
01 - OCT - 2000 ('
COSMID C27A2.
                                PROSITE;
PROSITE;
PROSITE;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Wilson R., Ainscough R., Anderson K., Baynes C., Berks M., Bonfield J., Burton J., Connell M., Copsey T., Cooper J., Coulson Craxton M., Dear S., Du Z., Durbin R., Favello A., Fulton L., Gardner A., Green P., Hawkins T., Hillier L., Jier M., Johnston L. Jones M., Kershaw J., Kirsten J., Laister N., Latreille P., Johnston L., Lightning J., Lloyd C., Mcmurray A., Mortimore B., O'Callaghan M. Parsons J., Percy C., Rifken L., Roopra A., Saunders D., Shownkee Smaldon N., Smith A., Sonnhammer E., Staden R., Sulston J., Thomas K., Vaudin M., Vaughan K., Waterston R., Watson A., Weinstock L., Wilkinson-Sproat J., Wohldman P.; "2.2 M of contiguous nucleotide sequence from chromosome III of the contiguous nucleotide sequence from chromosome III of the contiguous nucleotide sequence from chromosome in the contiguous nucleotide sequence from chromosome III of the contiguous nucleotide 
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EMBL; Z664
INTERPRO;
INTERPRO;
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Eukaryota; Metazoa; Nen
Rhabditidae; Peloderina
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PROSITE; PS00022; EGF_1; UNKNOWN_1.

PROSITE; PS00198; 4FE4S_FERREDOXIN; UN

PROSITE; PS00269; DEFENSIN; UNKNOWN_1.

PROSITE; PS01208; VWFC; UNKNOWN_1.
                                                                                                                                                                                                                     Submitted (MAY-1996) to the EMBL; U58760; AAB00710.1; -.
                                                                                                                                                                                                                                                                                   STRAIN-BRISTOL N2; Waterston R.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE FROM N.A.
STRAIN-BRISTOL N2;
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   SEQUENCE
                                                                                                                                                                                                                                                                                                                                                     SEQUENCE FROM N.A
                                                                                                                                                                                                                                                                                                                                                                                                                Submitted
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Z66499; CAA91301.1;
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PS00198; 4FE4S_FERREDOXIN; UNKNOWN_1
PS00269; DEFENSIN; 1
PS01208; VAPC; UNKNOWN_1
188 AA; 18878 MW; OC5D0DC5CA8E0C4
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                                                                                                                         : IPR001007; -. : IPR001271; -. : IPR001450; -.
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SEQUENCE
 MEDLINE=99115554; PubMed=9916088;
Calcutt M.J., Kim M.F., Karpas A.
"Differential posttranslational r
                                                  STRAIN-PG18,
                                                                    SEQUENCE
                                                                                                                 Mycoplasmataceae;
                                                                                                                                Mycoplasma
Bacteria;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDLINE-91065960; PubMed-2250030; Wood L., Mills M., Hatzenbuhler N., Voc "Serine-rich ultra high sulfur protein and skin during the hair cycle."; J. Biol. Chem. 265:21375-21380(1990).
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01-NOV-1996 (TrEMBLrel. 01,
01-NOV-1996 (TrEMBLrel. 15,
01-OCT-2000 (TrEMBLrel. 15,
SERINE 2 ULTRA HIGH SULFUR!
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Mammalia; Eutheria;
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"Serine-rich ultra high sulfur protein
and skin during the hair cycle ":
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Biol. Chem. 266:4024-4024(1991).
L; M37760; AAA40107.1; -
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PS01208; VWFC; UNKNOWN_2.
223 AA; 21442 MW; C654BDB9FD08C59A CRC64;
                                                                 FROM N.A.
                                                                                                                             Firmicutes;
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Kim M.F., Karpas A.B., posttranslational proc
                                                                                                                Mycoplasma
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Rodentia;
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                  Muhlradt P
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EMBL, APT19376, AAF15567.1, -
SEQUENCE 48 AA; 5319 MW; 668836F
                                                                                     Q23948;
Q23948;
Q1-NOV-1996;
Q1-NOV-1996;
Q1-OCT-2000;
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Q23947;
01-NOV-1996
01-NOV-1996
01-OCT-2000
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Drosophila hydei (Fruit fly).
Eukaryota; Metazoa; Arthropoda: Trac
Eukaryota; Neoptera; Endopterygota;
Ephydroidea; Drosophilidae; Drosophi
NCBI_TaxID=7224;
                                                                TESTIS-SPECIFIC DHTC2.
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INTERPRO; IPR001450;
PROSITE; BS00198; 4FE45. FERREDOXIN; UNKNOWN_1
SEQUENCE 49 AA; 4610 MW; BE158FEC51369F01
                                                                                                                                                                                                                                                                                                                                                        Kuech A., Buenemann H.;
Submitted (DEC-1990) to the EMBL/GenBank/DDBJ
EMBL; X58114; CAA41117.1.
                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; //
Pterygota; Neoptera;
Ephydroidea; Drosoph
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Metazoa; Arthropoda; Tracheata; Hexapoda; Ins.
Neoptera; Endopterygota; Diptera; Brachycera;
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Mycoplasma fermentans.";
67:760-771(1999).
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Submitted (DEC-1990) to the EMBL/GenBank/DDBJ
EMBL; X58114; CAA41118 1; -.
FLYBASE; FBgn0015097; Dhyd\Mst87Fb.
INTERPRO; IF8001450; -.
PROSITE; PS00198; 4FE45_FERREDOXIN; UNKNOWN_1.
SEQUENCE 49 AA; 4550 MW; 24758FEC51369FID
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1- FUNCTION: METALLOTHIONEINS HAVE A HIGH CONTENT OF CYSTEINE RESIDUES THAT BIND VARTOUS HEAVY METALS; THESE PROTEINS ARE TRANSCRIPTIONALLY REGULATED BY BOTH HEAVY METALS AND
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Kille P., Olsson P.E.;
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P02802; 1DFS.
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Actinopterygii; Neopterygii; Teleostei; Buteleostei; Neot Acanthomorpha; Acanthopterygii; Percomorpha; Perciformes; Notothenioidei; Channichthyidae; Chaenocephalus.
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HSSP; P02802: 1prs
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                                                                                                                                                Chaenocephalus
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PROSITE; PS00203; METALLOTHIONEIN_VRT;
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01-NOV-1998
01-NOV-1998
01-OCT-2000
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"Metallothionein in Antarctic organisms";
Submitted (SEP-1998) to the EMBL/GenBank/DDBJ databases.
-!- FUNCTION: METALLOTHIONEINS HAVE A HIGH CONTENT OF CYSTEINE RESIDUES THAT BIND VARIOUS HEAVY METALS; THESE PROTEINS ARE TRANSCRIPTIONALLY REGULATED BY BOTH HEAVY METALS AND
                                                                                                                   INTERPRO;
INTERPRO;
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HSSP;
                                                                         PROSITE;
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                                                                                                                                                                                                                                                                                                                                                                            Trematomus bernacchii.
Eukaryota; Metazoa; Chordata;
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PRINTS; PR00860; MTVERTEBRATE.
PROSITE; PS00203; METALLOTHIONEIN_VRT;
                                                                                        PRINTS;
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SEQUENCE FROM N.A.
                                                                                                                                                                                                      "Metallothionein in Antarctic organisms.";
Submitted (SEP-1998) to the EMBL/GenBank/DDBJ databases.
-i- FUNCTION: METALLOTHIONEINS HAVE A HIGH CONTENT OF CYSTEINE
RESIDUES THAT BIND VARIOUS HEAVY METALS; THESE PROTEINS ARI
                                                                                                                                                                                                                                                               Carginale V., Capasso
                                                                                                                                                                                                                                                                            TISSUE=LIVER;
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L; AJ011583; CAA09713.1; -.
P; P02802; 1DFS.
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                                                        PR00860; MTVERTEBRATE.
3; PS00203; METALLOTHIONEIN_VRT;
Dinding: Metal-thiolate_cluster;
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in Antarctic organisms.";
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Metal-binding;
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                                                                                                                                                                                                                                                                                                                                                                                                                                Leclerc G.M., Leclerc G.J., Ely B. "Molecular cloning of the striped metallothionein gene (sbMT).";
Submitted (SEP-1998) to the EMBL/C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Carginale V., Scudiero
di Prisco G., Parisi E.
Submitted (APR-1997) to
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                                                                                                                                METAL
                                                                                                                                                                        PRINTS; PR00860; MTVERTEBRATE
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                                                                                                                                                                                                    INTERPRO; IPR003019;
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                                                                                                                                                                                                                   INTERPRO; IPR000006; -.
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SEQUENCE FROM N.G.:

SPECIES-G.acuticeps, and M.Saxatilis; Tissue Carginale V., Scudiero R., Capasso C., Parisi E.;

Carginale V., Scudiero R., Capasso C., Parisi E.;

"Metallothioneins in Antarctic Fish.";

"Metallothioneins in Antarctic Fish.";

Submitted (JUN-1998) to the EMBL/GenBank/DDBJ databases,

Submitted (JUN-1998) to the EMBL/GenBank/DDBJ databases,

THAT BIND VARIOUS HAAVY METALS; THESE PROTEINS ARE

RESIDUES THAT BIND VARIOUS HEAVY METALS, AND
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Actinopterygii; Neopterygii; Teleostei; Eutelaostei; Neot-
Acanthomorpha; Acanthopterygii; Percomorpha; Perciformes;
Notothenioidei; Channichthyidae; Chionodraco.
PS00203; METALLOTHIONEIN_VRT; nding; Metal-thiolate cluster;
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